

# Converting Colors

Hex(6E8072)

Have a look what the booklet for  
Hex(6E8072) contains.

<b>Hex(6E8072)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(6E8072)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E8072
RGB	110, 128, 114
RGB Percent	43%, 50%, 45%
CMY	0.5686, 0.4980, 0.5529
CMYK	0.14, 0.00, 0.11, 0.50
HSL	133°, 8%, 47%
HSV	133°, 14%, 50%
XYZ	17.1868, 19.9682, 18.8680
YIQ	121.0220, -6.2340, -8.1700

# Conversions

## Conversions Part 2

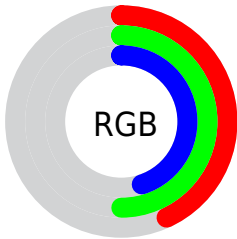
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 125, 128
Decimal	7241842
CIE Lab	51.80, -9.51, 5.40
CIE LCh	52, 10.930, 150.418
Yxy	19.9682, 0.3068, 0.3564
Android (android.graphics.Color)	4285431922 (0xFF6E8072)
YUV	121.0220, -3.4618, -9.6663
Hunter-Lab	44.6858, -9.5465, 6.2457

# Details

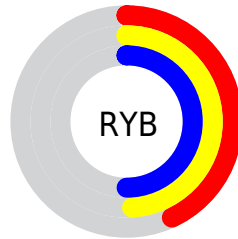
The Hex color **6E8072** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **806E7C**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **A2B5A6**, and **3E4F42** is the 20% darker color. If you saturate the color by 10%, you get **618068**, and if you desaturate by 10%, it is **7B807C**.

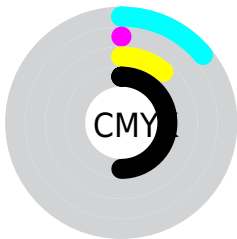
# Distribution



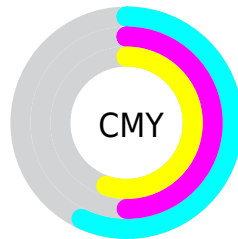
- Red (43%)
- Green (50%)
- Blue (45%)



- Red (43%)
- Yellow (49%)
- Blue (50%)



- Cyan (14%)
- Magenta (0%)
- Yellow (11%)
- Black (50%)



- Cyan (57%)
- Magenta (50%)
- Yellow (55%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E8072 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 6E8072 by changing the saturation by 10% instead.





6E8072



6E8072

FFFFFF



56675A



A2B5A6



3E4F42



BDD0C1



28382C



D9EDDD



132217



F5FFF9



000C00



000000



6E8072



6E8072



618068



7B807C



54805E



888086

 488054


 948090

 3B804A

 A1809A

 2E8040

 AE80A4

 218036

 BB80AE

 14802C

 C880B8

 088022

 D480C2

 00801C

 E180CC

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



797E6B



6E8072



66817B

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6E8072



727C8E



8F7672

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6E8072



806E7C

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



8E757C



6E8072



7E798C

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6E8072



687F8B



887685



8B786C

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6E8072



648182



887685



907575



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6E8072



9FA6A1



7C806E



505451



D4D4D4



545454



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6E8072



8AA690



6E807B



39403B



00801C



000000



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



806E7C



A68A9F



806E73



40393E



800063



000000



# Previews

## White Background



This preview shows how the Hex color 6E8072 looks on a white background.

## Color Contrast Check

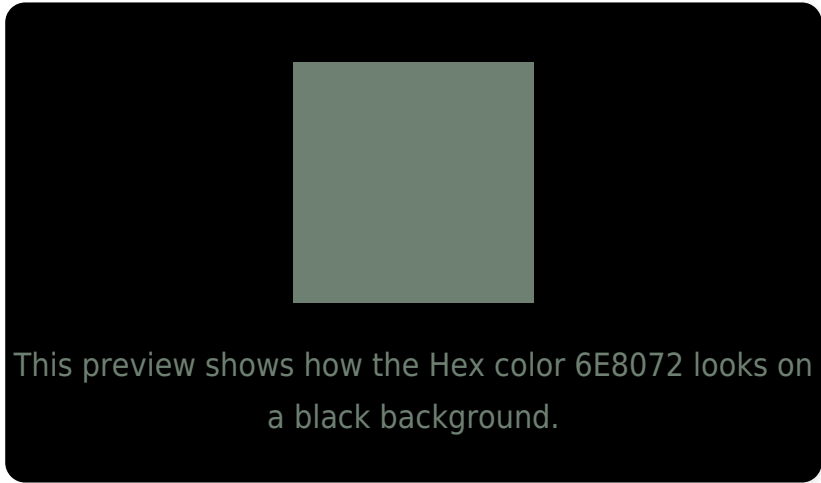
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

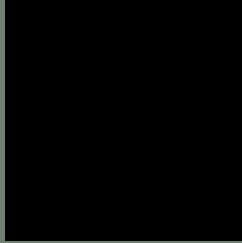
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6E8072 Background



This preview shows how black text looks on a background with the Hex color 6E8072.



This preview shows how white text looks on a background with the Hex color 6E8072.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

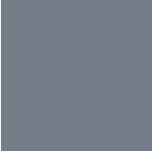
## Dichromacy



**Original Color**  
6E8072

**Protanopia**  
807B6F

**Deuteranopia**  
8A7774



**Tritanopia**  
727D87

# Trichromacy



**Original Color**  
6E8072

**Protanomaly**  
797D70

**Deuteranomaly**  
807A73

**Tritanomaly**  
717E7F

# Monochromacy



**Original Color**  
6E8072

**Achromatopsia**  
797979

**Achromatomaly**  
757C76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E8072 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #6E8072 looks like.

```
.text, #text, p{  
    color:#6E8072  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #6E8072 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E8072
}
```

## Border

The CSS property to change the border of an element to Hex 6E8072 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E8072 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#6E8072 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #6E8072 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E8072; -webkit-box-shadow:4px 4px  
4px 4px #6E8072; box-shadow:4px 4px 4px  
4px #6E8072 }
```

# Background

The CSS property to change the background color of an element to Hex 6E8072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E8072 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#6E8072 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor